



**IOWA DEPARTMENT OF
NATURAL RESOURCES
Waste Tire Processing Facility
PERMIT INSPECTION
CHECKLIST**



Permit No.:	County:
Facility Name:	Facility Address:
Phone Number:	
Responsible Official:	Mailing Address:
Phone Number:	
Permit Issued (date):	Permit valid thru (date):
Date of Last Inspection:	Date of This Inspection:

GENERAL DESCRIPTION OF OPERATION [Rule 117.6(1)]

Describe general processing equipment type/purpose:
Describe hourly processing capacity of equipment:
Describe daily operating hours of facility/equipment:
Describe types of processed material being produced:

GENERAL PERMIT REQUIREMENTS [Rule 117.6(2)]

Item	Yes	No	NA
1. Is the site graded to prevent standing pools of water, and to limit run-on of precipitation in areas where whole tires or processed tire materials are stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is the facility secured by a fence or barrier of 6' or greater in height to impede unauthorized access? Are locks present on all gates and entry points?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is open burning of any type occurring on the property? (open burning is prohibited)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are signs posted every 100' for on-site visibility that state "Open burning prohibited on site."	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are signs posted every 100' on the perimeter of the location, for off-site visibility, that state "Highly flammable materials on-site. Burning in area not recommended."	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is all fueling of vehicles or equipment, and activities that may release sparks or flame, conducted at least 50' from storage areas of tire materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

PREPROCESSED WHOLE WASTE TIRE STORAGE REQUIREMENTS - OUTSIDE [Rule 117.6(3)]:

Item	Yes	No	NA
1. Is the quantity of whole waste tires present on site within the allowable three-day pre-processed quantity limitation (see "conditions of permit" for allowable quantity)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are all waste tires processed within 30 days of their deposit at the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are all pre-processed tires stored outdoors as follows? [117.6(3)f]			
a. Any single tire pile less than 50,000 cubic feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Vertical dimension of tire pile less than 10 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Single tire pile less than 100 feet in length	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Surface area of tire pile less than 5,000 square feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. 50' fire lane between all tire piles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. 50' setback of tire piles from property line, street, public ROW, or building	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. 200' from any well, lake, river, stream, sinkhole, or tile line intake, unless grading or other construction is completed to intercept water flows that may impact to such interceptors (setback may be reduced to 50' in such cases)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are trees and brush cleared within 50' of any tire pile?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are all combustible materials or volatile chemicals stored more than 50 feet from any tire pile? (if not, they must be in approved, fire-resistant containers)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is a 20 pound Class ABC dry chemical fire extinguisher available within 100 feet of all tire storage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Are all waste tires stored in truck, trailers, or mobile containers at least 10' from any property line or building (counts toward total storage permitted for site; trucks unloading are exempted from setback requirement)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are tire bales stored no greater than 10 feet in height, 25 feet in width, and 50 feet in length with a separation distance of 50 feet between piles of tire bales.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

PREPROCESSED WHOLE TIRE STORAGE REQUIREMENTS – INSIDE [117.6(3)g.]

Item	Yes	No	NA
1. Are all tires stored indoors at least 20 feet from waste tire processing and handling equipment? (does not apply to tires being actively unloaded from trucks or conveyors while process equipment operating).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are all tires cleared away at least 20 feet from the processing equipment after the end of the last working shift?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are less than 25,000 tires in total stored inside?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are all combustible materials or volatile chemicals stored at least 25' away from any waste tire storage area (if not, they must be in approved, fire-resistant containers).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Is a 20-pound Class ABC dry chemical fire extinguisher available within 50 feet of any portion of the tire processing area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the tire processing and storage structure secure from unauthorized access during times when the building is unoccupied by employees?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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PROCESSED TIRE STORAGE [Rule 117.6(4)]

Item	Yes	No	NA
1. Is the total volume of processed tire material stored on-site, at or less than the amount the firm produces within a 60-day period? (see 117.6(4)a. for determination – ANY site is limited to no more than 5,000 tons of processed material to be stored on site)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are processed tires that are shredded into 9" or less pieces stored in piles not more than 15 feet in height, 100 feet in length, and 50 feet width, with no more than 75,000 cubic feet of volume?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are processed tires that are cut into strips, sidewalls, or other pieces larger than 9" stored in piles that are no more than 10 feet in height, 100 feet in length, and 50 feet in width, with no more than 75,000 cubic feet of volume?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is a 50 foot fire lane maintained between piles of processed material, with the base of the lane kept free from waste tire residuals or other debris?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are all processed tire materials stored at least 50 feet from any property line, street, public ROW, or building?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. All trees and brush at least 50 feet away from all processed tire material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is a 20 pound Class ABC dry-chemical fire extinguisher available within 100 feet of any portion of the processed tire storage area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. For indoor storage of more than 5,000 cubic of processed tire material, is the material stored on concrete floors, with all contained bins and materials constructed of non-flammable material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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PROCESSING RESIDUAL/WASTE DISPOSAL (Rule 117.6(6))

Item	Yes	No	NA
1. Are tire bead rings, separated metal wire, fibers, cording, and "fluff" wastes being disposed of at least every 60 days?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the processor have records available that notes the most recent disposal date and location for these residuals/waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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GENERAL COMMENTS:

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RECOMMENDATIONS:

REQUIREMENTS:

Inspector: _____

Date: _____

Reviewed By: _____

Date: _____